

GREENSKIES CLEAN ENERGY, LLC

"OAK BLUFFS SOLAR ARRAY"

16 PENNSYLVANIA AVE
VINEYARD HAVEN, MA 02568

LIST OF DRAWINGS

- T-1 TITLE SHEET & INDEX
- 1 OF 1 EXISTING CONDITIONS PLAN PROVIDED BY WSP USA INC.
- OP-1 OVERALL LOCUS MAP
- SP-1 DETAILED SITE & UTILITY PLAN
- SP-2 DETAILED SITE & UTILITY PLAN
- EC-1 SEDIMENTATION & EROSION CONTROL PLAN
- EC-2 SEDIMENTATION & EROSION CONTROL PLAN
- EC-3 SEDIMENTATION & EROSION CONTROL NOTES & DETAILS
- DN-1 SITE DETAILS
- DN-2 RACKING DETAILS
- DN-3 RACKING DETAILS
- DN-4 RACKING DETAILS
- DN-5 SITE NOTES

SITE INFORMATION

SITE NAME: "OAK BLUFFS SOLAR ARRAY"
LOCATION: 16 PENNSYLVANIA AVE
VINEYARD HAVEN, MA 02568

SITE TYPE/DESCRIPTION: ADD (1) BALLAST MOUNTED SOLAR PANEL
ARRAY W/ ASSOCIATED EQUIPMENT.

PROPERTY OWNER: TOWN OF OAK BLUFFS
P.O. BOX 1327
OAK BLUFFS, MA 02557

DEVELOPER: GREENSKIES CLEAN ENERGY, LLC
180 JOHNSON STREET
MIDDLETOWN, CT 06457

ELECTRICAL ENGINEER: PURE POWER ENGINEERING
5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030

ENGINEER CONTACT: BRADLEY J. PARSONS, P.E.
(860) 663-1697 x208

LATITUDE: 41°26'15.12" N
LONGITUDE: 70°34'36.77" W
ELEVATION: 114± AMSL

MBLU: 29-0-165, 29-0-164, 29-0-161, 29-0-157,
29-0-156, 29-0-155

ZONE: R3

EXISTING LAND USE: PRIVATE BUSINESS, MASSDOT FACILITY, AND
TOWN LANDFILL

TOTAL SITE ACERAGE: 23.09± AC.

USGS TOPOGRAPHIC MAP



SCALE : 1" = 2000± SOURCE: USGS 7.5 MARTHA'S VINEYARD QUADRANGLE, MA 2007



180 JOHNSON STREET
MIDDLETOWN, CT 06457



3 SADDLEBROOK DRIVE PHONE: (860)-663-1697
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM



5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET		
NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD	
PROF: BRADLEY J. PARSONS P.E.	COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419	
OWNER: TOWN OF OAK BLUFFS	
ADDRESS: P.O. BOX 1327 OAK BLUFFS, MA 02557	

OAK BLUFFS SOLAR ARRAY	
SITE	16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568	
APT FILING NUMBER: MA599110	
	DRAWN BY: JT
DATE: 01/20/20	CHECKED BY: BJP

SHEET TITLE:

TITLE SHEET & INDEX

SHEET NUMBER:

T-1





Greenskies
a Clean Focus company

**180 JOHNSON STREET
MIDDLETOWN, CT 06457**



**ALL-POINTS
TECHNOLOGY CORPORATION**

3 SADDLEBROOK DRIVE PHONE: (860)-663-1667
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM



**PUREPOWER
ENGINEERING**

5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET		
NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS

ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

APT FILING NUMBER: MA599110

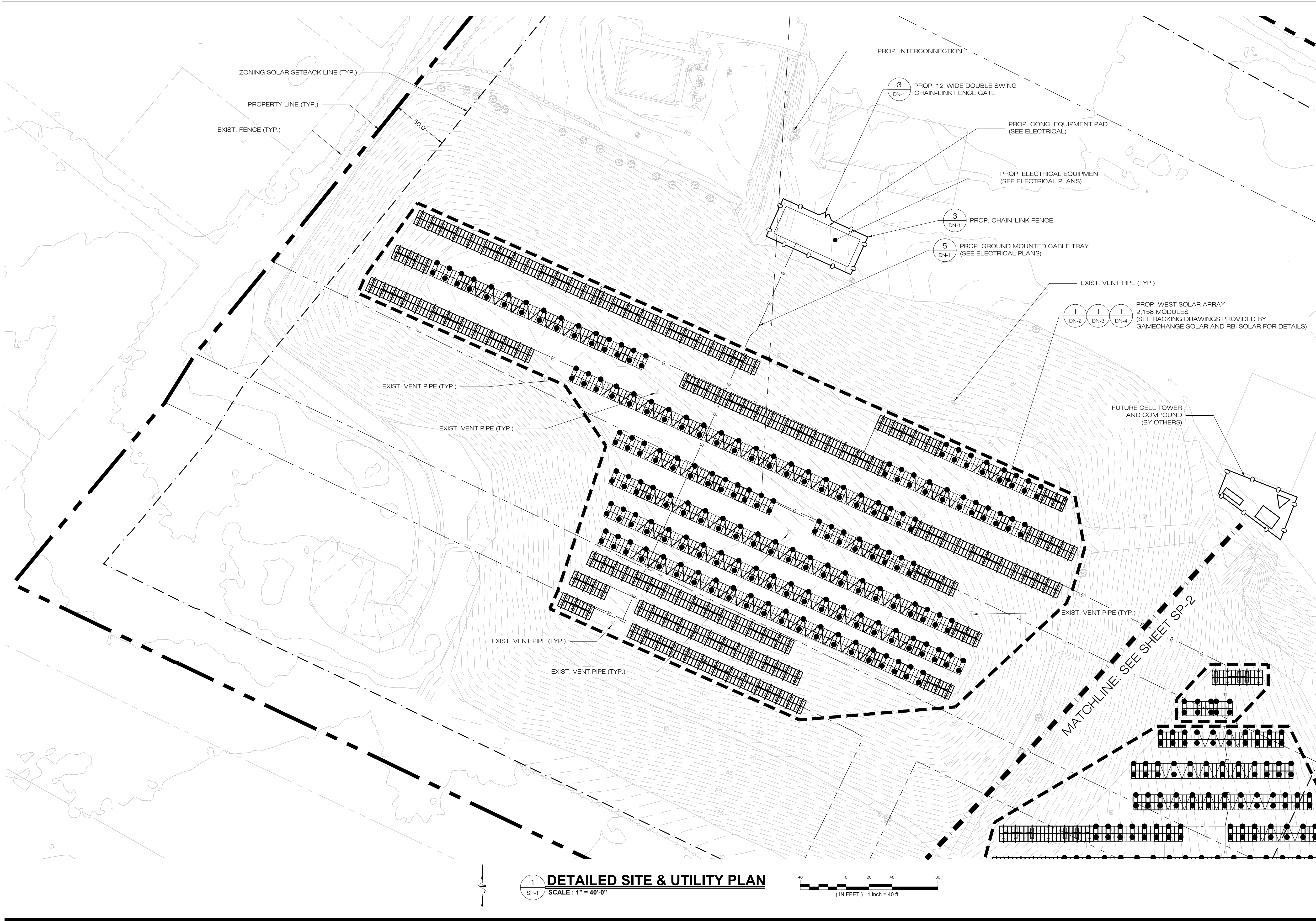
DATE: 01/20/20	DRAWN BY: JT
CHECKED BY: BJP	


SHEET TITLE:

OVERALL LOCUS MAP

SHEET NUMBER:

OP-1






Greenskies
a Clean Focus company

**180 JOHNSON STREET
MIDDLETOWN, CT 06457**



**ALL-POINTS
TECHNOLOGY CORPORATION**

3 SADDLEBROOK DRIVE PHONE: (860)-663-1667
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM



**PUREPOWER
ENGINEERING**

5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET		
NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS
ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE: 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

APT FILING NUMBER: MA599110

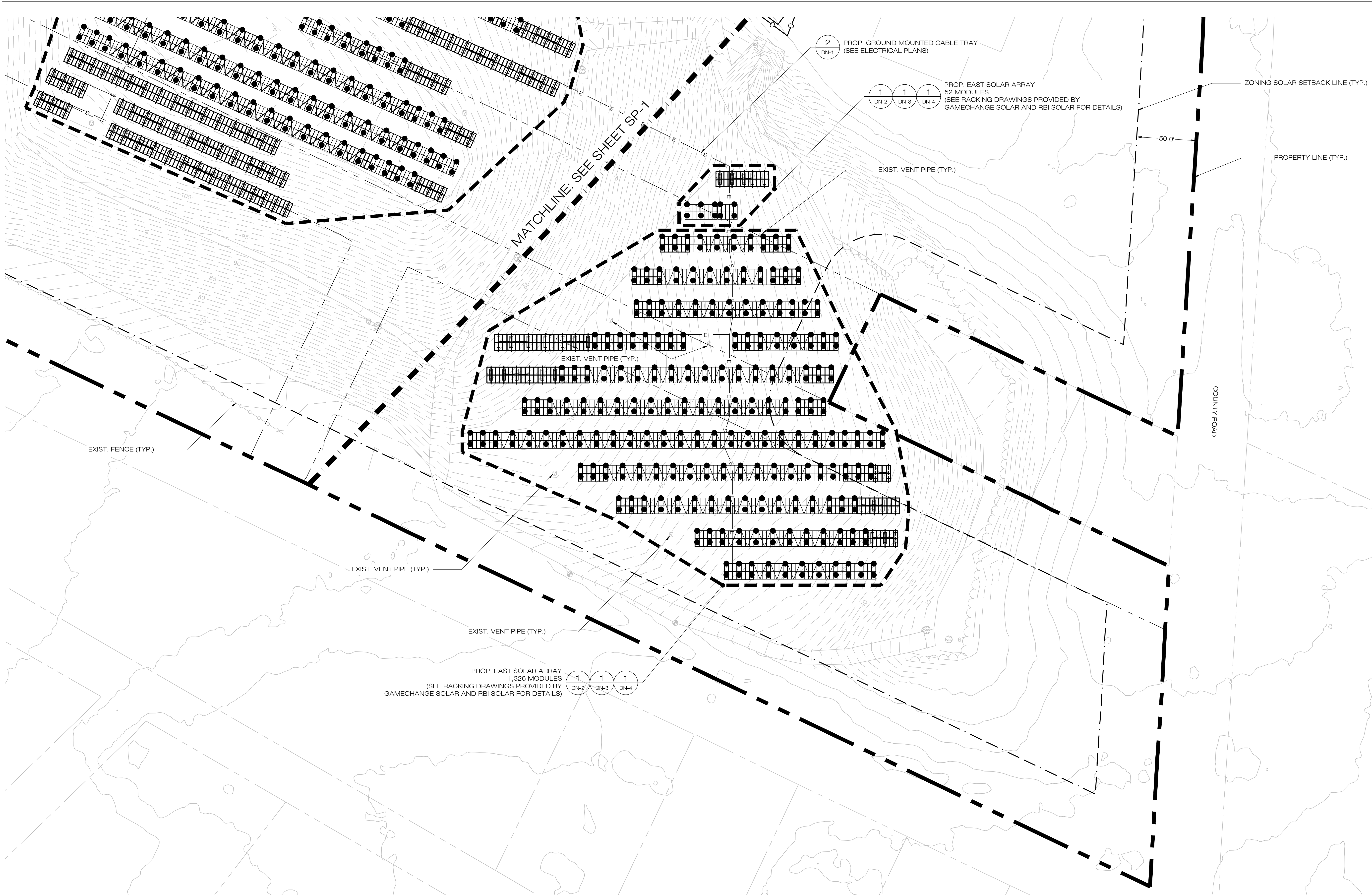
DATE: 01/20/20	DRAWN BY: JT
CHECKED BY: BJP	


SHEET TITLE:

**DETAILED SITE &
UTILITY PLAN**

SHEET NUMBER:


SP-1





Greenskies
a Clean Focus company


180 JOHNSON STREET
MIDDLETOWN, CT 06457



ALL-POINTS
TECHNOLOGY CORPORATION

3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419
WWW.ALLPOINTSTECH.COM

PHONE: (860)-663-1697
FAX: (860)-663-0935



PUREPOWER
ENGINEERING

5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET		
NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS
ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE: 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

APT FILING NUMBER: MA599110

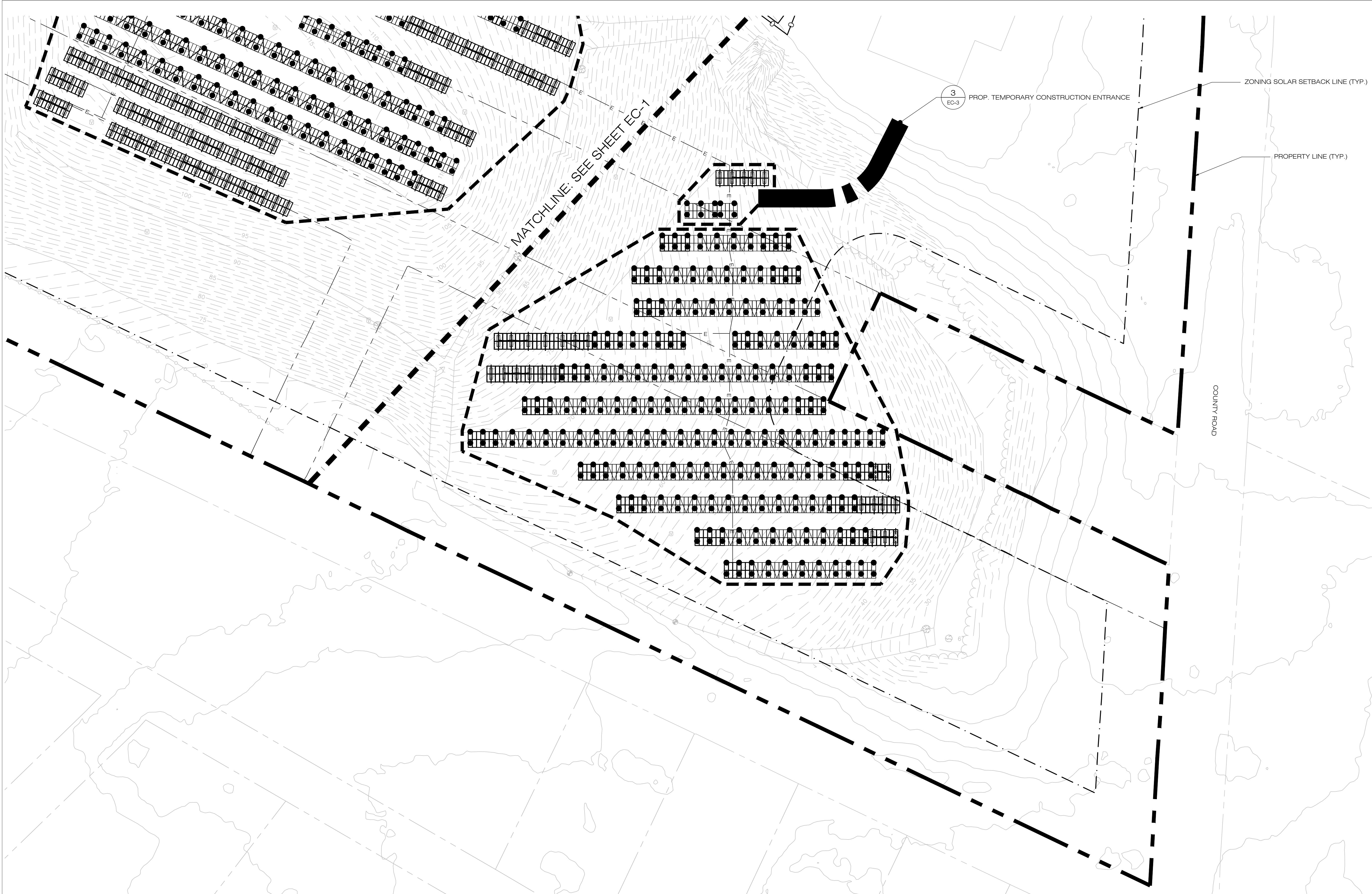
DATE: 01/20/20	DRAWN BY: JT
CHECKED BY: BJP	

SHEET TITLE:

DETAILED SITE & UTILITY PLAN

SHEET NUMBER:

SP-2



MATCHLINE: SEE SHEET EC-1

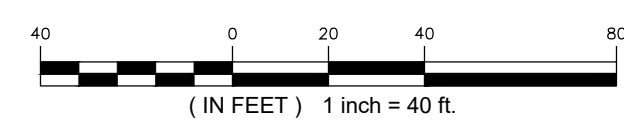
3
EC-3
PROP. TEMPORARY CONSTRUCTION ENTRANCE


ZONING SOLAR SETBACK LINE (TYP.)

PROPERTY LINE (TYP.)

COUNTY ROAD


1
EC-2
SEDIMENTATION & EROSION CONTROL PLAN
SCALE : 1" = 40'-0"






Greenskies
a Clean Focus company

**180 JOHNSON STREET
MIDDLETOWN, CT 06457**



**ALL-POINTS
TECHNOLOGY CORPORATION**

3 SADDLEBROOK DRIVE PHONE: (860)-663-1697
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM



**PUREPOWER
ENGINEERING**

5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET		
NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS
ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE: 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

APT FILING NUMBER: MA599110

DATE: 01/20/20	DRAWN BY: JT
CHECKED BY: BJP	

SHEET TITLE:

**SEDIMENTATION &
EROSION CONTROL PLAN**

SHEET NUMBER:

EC-2

EROSION CONTROL NOTES

EROSION AND SEDIMENT CONTROL PLAN NOTES

- THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCIES CONSTRUCTION GENERAL PERMIT UNDER THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM ("GENERAL PERMIT"), MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, LATEST EDITION ("THE GUIDELINES"), THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF OAK BLUFFS. ALL PERIMETER SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
- THESE DRAWINGS ARE ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL MEASURES FOR THIS SITE. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN IN A GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS, AS REQUIRED, AND AS DIRECTED BY THE PERMITTEE AND/OR THE TOWN OF OAK BLUFFS. SEE SEDIMENT AND EROSION CONTROL DETAILS AND SUGGESTED CONSTRUCTION SEQUENCE FOR MORE INFORMATION. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
- A BOND MAY BE REQUIRED TO BE POSTED WITH THE GOVERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND MAINTENANCE.
- THE CONTRACTOR SHALL APPLY THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN IN CONJUNCTION WITH CONSTRUCTION SEQUENCING, SUCH THAT ALL ACTIVE WORK ZONES ARE PROTECTED. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, MUNICIPAL OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR INSTALLED SEDIMENTATION AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS WEEKLY AND WITHIN 24 HOURS OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCHES OR GREATER TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS AS NECESSARY IN A TIMELY MANNER.
- THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (SILT FENCE, COMPOST FILTER SOCK, EROSION CONTROL BLANKET, ETC.) ON-SITE FOR PERIODIC MAINTENANCE AND EMERGENCY REPAIRS.
- ALL FILL MATERIAL PLACED ADJACENT TO ANY WETLAND AREA SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
- PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING, ORANGE SAFETY FENCE, CONSTRUCTION TAPE, OR EQUIVALENT FENCING/TAPE. ANY LIMB TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
- CONSTRUCTION ENTRANCES (ANTI-TRACKING PADS) SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF ALL CONSTRUCTION IF REQUIRED. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED. CONTRACTOR SHALL ENSURE THAT ALL VEHICLES EXITING THE SITE ARE PASSING OVER THE ANTI-TRACKING PADS PRIOR TO EXISTING.
- ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, HAY BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SEDIMENT BARRIER UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE BARRIER.
- NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS. ALL SLOPES SHALL BE SEEDED AND BAYS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
- DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE THE GUIDELINES WITHIN THE APPROVED LIMIT OF DISTURBANCE IF REQUIRED. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE PERMITTEE OR MUNICIPALITY.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS ON THE SITE. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIMES AND SECURED APPROPRIATELY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE/CONTAINMENT.
- MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
- SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAYS DAMP. CALCIUM CHLORIDE MAY ALSO BE APPLIED TO ACCESS ROADS. DUMP TRUCK LOADS EXITING THE SITE SHALL BE COVERED.
- TURF ESTABLISHMENT SHALL BE PERFORMED OVER ALL DISTURBED SOIL, UNLESS THE AREA IS UNDER ACTIVE CONSTRUCTION. IT IS COVERED OR SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVING SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGER THAN 30 DAYS.
- MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP CONCRETE PADS, CLEAN THE STORMWATER MANAGEMENT SYSTEMS AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS ONCE THE SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN RECEIVED FROM PERMITTEE OR THE MUNICIPALITY.
- SEEDING MIXTURES, IF REQUIRED, SHALL BE NEW ENGLAND SEMI-SHADE GRASS AND FORBS MIX (SEE SITE DETAILS SHEET DN-1), OR APPROVED EQUAL BY OWNER.

SEDIMENT & EROSION CONTROL NARRATIVE

- THE PROJECT INVOLVES THE CONSTRUCTION OF A BALLAST MOUNTED SOLAR PANEL FACILITY WITH ASSOCIATED EQUIPMENT.

THE PROPOSED PROJECT INVOLVES THE FOLLOWING CONSTRUCTION:
A. CLEARING, GRUBBING, AND GRADING OF EXISTING LOT.
B. CONSTRUCTION OF 3,536 BALLAST MOUNTED SOLAR PANELS AND ASSOCIATED EQUIPMENT.
C. THE STABILIZATION OF DISTURBED AREAS WITH PERMANENT GRASS TREATMENTS.
- NO GROUND DISTURBANCE IS PROPOSED ON THE CAPPED LAND FILL.
- THE PROJECT SITE, AS MAPPED IN THE SOIL SURVEY OF DUKES COUNTY (NRCS, 2019), CONTAINS TYPE 259B SOIL.
- IT IS ANTICIPATED THAT CONSTRUCTION WILL BE COMPLETED IN APPROXIMATELY 3-4 MONTHS.
- REFER TO THE CONSTRUCTION SEQUENCING AND EROSION AND SEDIMENTATION NOTES FOR INFORMATION REGARDING SEQUENCING OF MAJOR OPERATIONS IN THE ON-SITE CONSTRUCTION PHASES.
- STORMWATER MANAGEMENT DESIGN CRITERIA UTILIZES THE APPLICABLE SECTIONS OF THE MASSACHUSETTS STORMWATER HANDBOOK, UPDATED FEB. 2008, TO THE EXTENT POSSIBLE AND PRACTICABLE FOR THIS PROJECT ON THIS SITE. EROSION AND SEDIMENTATION MEASURES ARE BASED UPON ENGINEERING PRACTICE, JUDGEMENT AND THE APPLICABLE SECTIONS OF THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, LATEST EDITION.
- DETAILS FOR THE TYPICAL STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION MEASURES ARE SHOWN ON THE PLAN SHEETS OR PROVIDED AS SEPARATE SUPPORT DOCUMENTATION FOR REVIEW IN THIS PLAN.
- CONSERVATION PRACTICES TO BE USED DURING CONSTRUCTION AREA:
A. STAGED CONSTRUCTION;
B. MINIMIZE THE DISTURBED AREAS TO THE EXTENT PRACTICABLE DURING CONSTRUCTION;
C. STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE WITH TEMPORARY OR PERMANENT MEASURES;
D. MINIMIZE IMPERVIOUS AREAS;
E. UTILIZE APPROPRIATE CONSTRUCTION EROSION AND SEDIMENTATION MEASURES.
- THE FOLLOWING SEPARATE DOCUMENTS ARE TO BE CONSIDERED A PART OF THE EROSION AND SEDIMENTATION PLAN:
A. STORMWATER MANAGEMENT MEMO FOR EXISTING AND PROPOSED PEAK FLOWS.

SUGGESTED CONSTRUCTION SEQUENCE

THE FOLLOWING SUGGESTED SEQUENCE OF CONSTRUCTION ACTIVITIES IS PROJECTED BASED UPON ENGINEERING JUDGEMENT AND BEST MANAGEMENT PRACTICES. THE CONTRACTOR MAY ELECT TO ALTER THE SEQUENCING TO BEST MEET THE CONSTRUCTION SCHEDULE, THE EXISTING SITE ACTIVITIES AND WEATHER CONDITIONS. SHOULD THE CONTRACTOR ALTER THE CONSTRUCTION SEQUENCE OR ANY EROSION AND SEDIMENTATION CONTROL MEASURES THEY SHALL MODIFY THE STORMWATER POLLUTION PREVENTION PLAN ("SWPPP") AS REQUIRED BY THE GENERAL PERMIT.

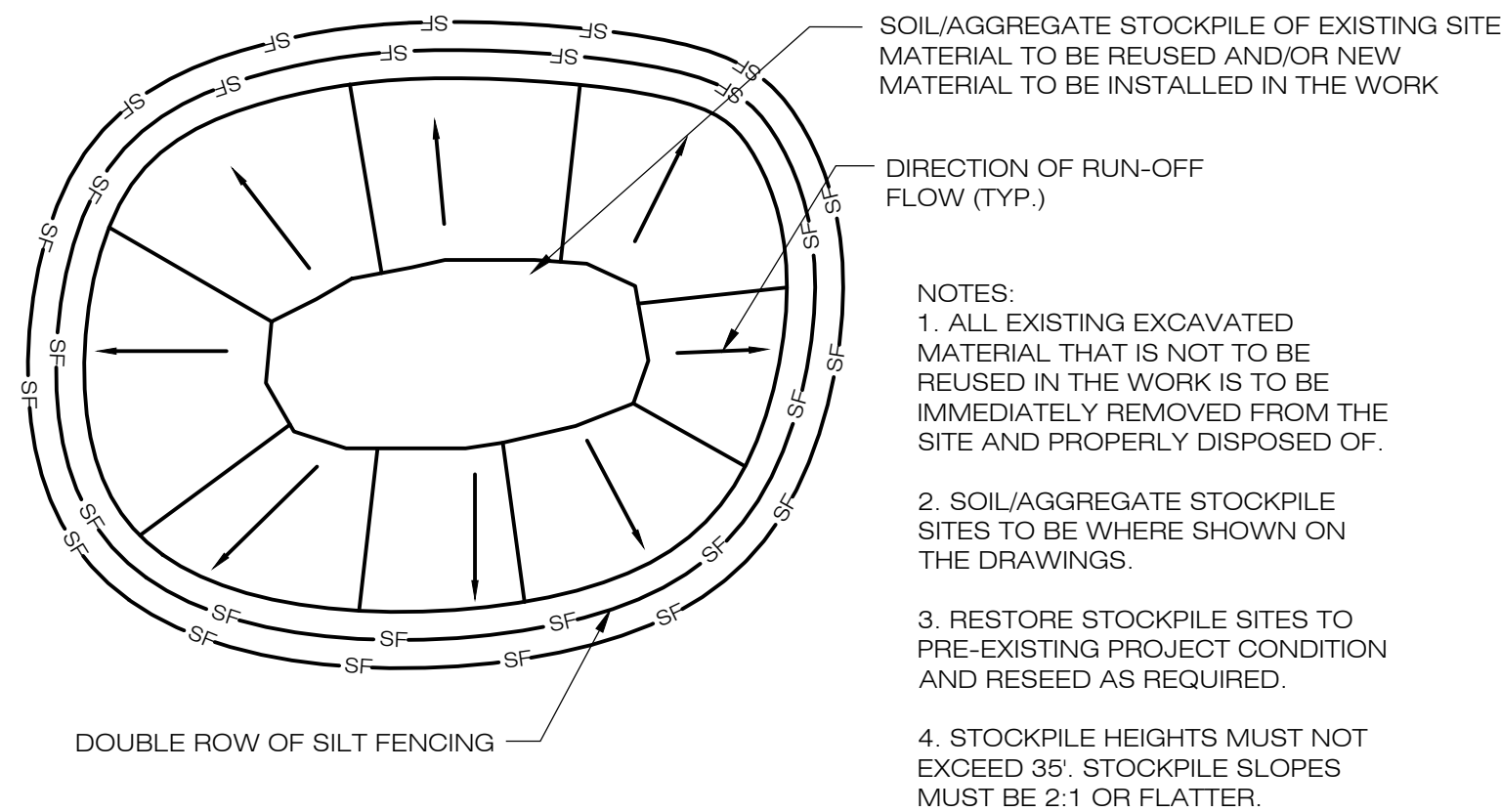
- THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING. PHYSICALLY FLAG THE LIMITS OF DISTURBANCE IN THE FIELD AS NECESSARY TO FACILITATE THE PRE-CONSTRUCTION MEETING.
- CONDUCT A PRE-CONSTRUCTION MEETING TO DISCUSS THE PROPOSED WORK AND EROSION AND SEDIMENTATION CONTROL MEASURES. THE MEETING SHOULD BE ATTENDED BY THE OWNER, THE OWNER REPRESENTATIVE(S), THE MUNICIPALITY, THE GENERAL CONTRACTOR, DESIGNATED SUB-CONTRACTORS AND THE PERSON, OR PERSONS, RESPONSIBLE FOR THE IMPLEMENTATION, OPERATION, MONITORING AND MAINTENANCE OF THE EROSION AND SEDIMENTATION MEASURES. THE CONSTRUCTION PROCEDURES FOR THE ENTIRE PROJECT SHALL BE REVIEWED AT THIS MEETING.
- NOTIFY THE PROJECT DEVELOPER AND THE TOWN OF OAK BLUFFS AGENT AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY DEMOLITION, CONSTRUCTION OR REGULATED ACTIVITY ON THIS PROJECT.
- NOTIFY DIG SAFE AT 811, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION.
- INSTALL STRAW WATTLES AS SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLANS.
- INSTALL ELECTRICAL CONDUIT TO SWITCH GEAR LOCATIONS.
- INSTALL CABLE TRAY.
- INSTALL STONE & FOUNDATIONS FOR BALLAST MOUNTED RACKING SYSTEM.
- INSTALL INVERTERS AND ELECTRICAL EQUIPMENT PAD.
- INSTALL REMAINDER OF RACKING SYSTEM AND SOLAR MODULES.
- INSTALL CHAIN-LINK FENCE AS SHOWN ON THE PLANS
- AFTER THE SITE IS STABILIZED AND WITH THE APPROVAL OF THE PERMITTEE AND TOWN OF OAK BLUFFS AGENT, REMOVE PERIMETER EROSION AND SEDIMENTATION CONTROLS.
- PERFORM PROJECT CLEAN UP.

CONSTRUCTION OPERATION AND MAINTENANCE PLAN - BY CONTRACTOR		
E&S MEASURE	INSPECTION SCHEDULE	MAINTENANCE REQUIRED
CONSTRUCTION ENTRANCE	DAILY	PLACE ADDITIONAL STONE, EXTEND THE LENGTH OR REMOVE AND REPLACE THE STONE. CLEAN PAVED SURFACES OF TRACKED SEDIMENT.
STRAW WATTLE	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.5"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE WATTLE.
TOPSOIL/BORROW STOCKPILES	DAILY	REPAIR/REPLACE SEDIMENT BARRIERS AS NECESSARY.
TEMPORARY SOIL PROTECTION	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 2"	REPAIR ERODED OR BARE AREAS IMMEDIATELY. RESEED AND MULCH.

DUST CONTROL (DC)

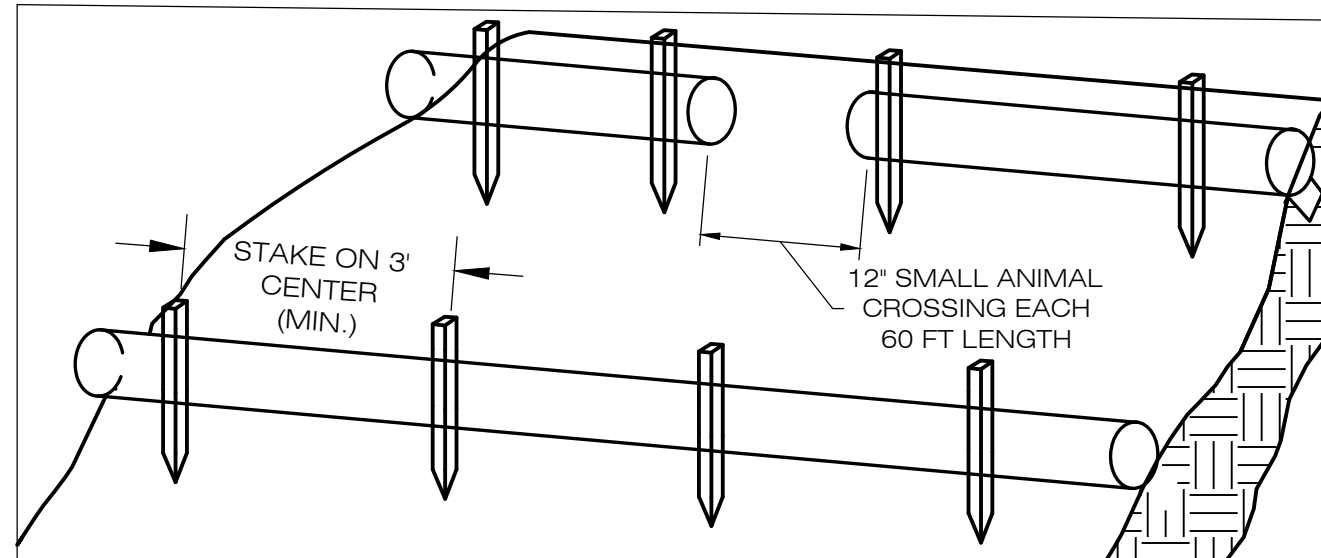
MECHANICAL SWEEPING
USE MECHANICAL SWEEPING ON PAVED AREAS WHERE DUST AND FINE MATERIALS ACCUMULATE AS A RESULT OF TRUCK TRAFFIC, PAVEMENT SAW CUTTING SPILLAGE, AND WIND OR WATER DEPOSITION FROM ADJACENT DISTURBED AREAS. SWEEP DAILY IN HEAVILY TRAFFICKED AREAS.

WATER
PERIODICALLY MOISTEN EXPOSED SOIL SURFACES ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAY DAMP.



MATERIALS STOCKPILE (IF REQUIRED)

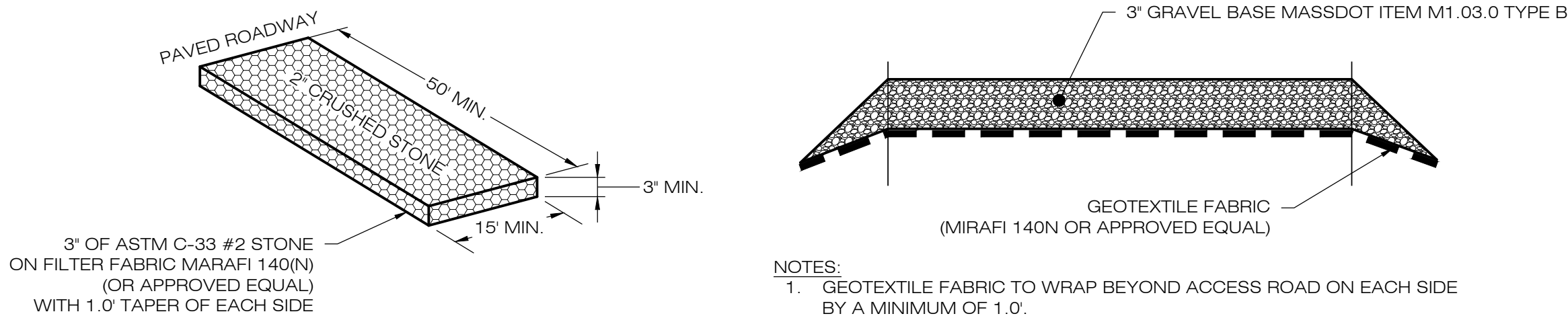
SCALE : NTS



- PLACE THE SOCK ALONG THE CONTOUR OF THE SLOPE AND ENSURE THAT IT IS MAKING CONTACT WITH THE EXISTING GROUND.
- SECURE THE SOCK WITH 18-24" (45.7-61 CM) STAKES EVERY 3-4' (0.9 - 1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK LEAVING AT LEAST 2-3" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE SOCK. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

COMPOST FILTER SOCK SEDIMENTATION CONTROL BARRIER (IF REQUIRED)

SCALE : N.T.S.



- NOTES:
- GEOTEXTILE FABRIC TO WRAP BEYOND ACCESS ROAD ON EACH SIDE BY A MINIMUM OF 1.0'.

CONSTRUCTION ACCESS DETAIL

SCALE : N.T.S.



180 JOHNSON STREET
MIDDLETOWN, CT 06457



3 SADDLEBROOK DRIVE PHONE: (860)-663-1867
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM



5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET

NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS

ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

APT FILING NUMBER: MA599110

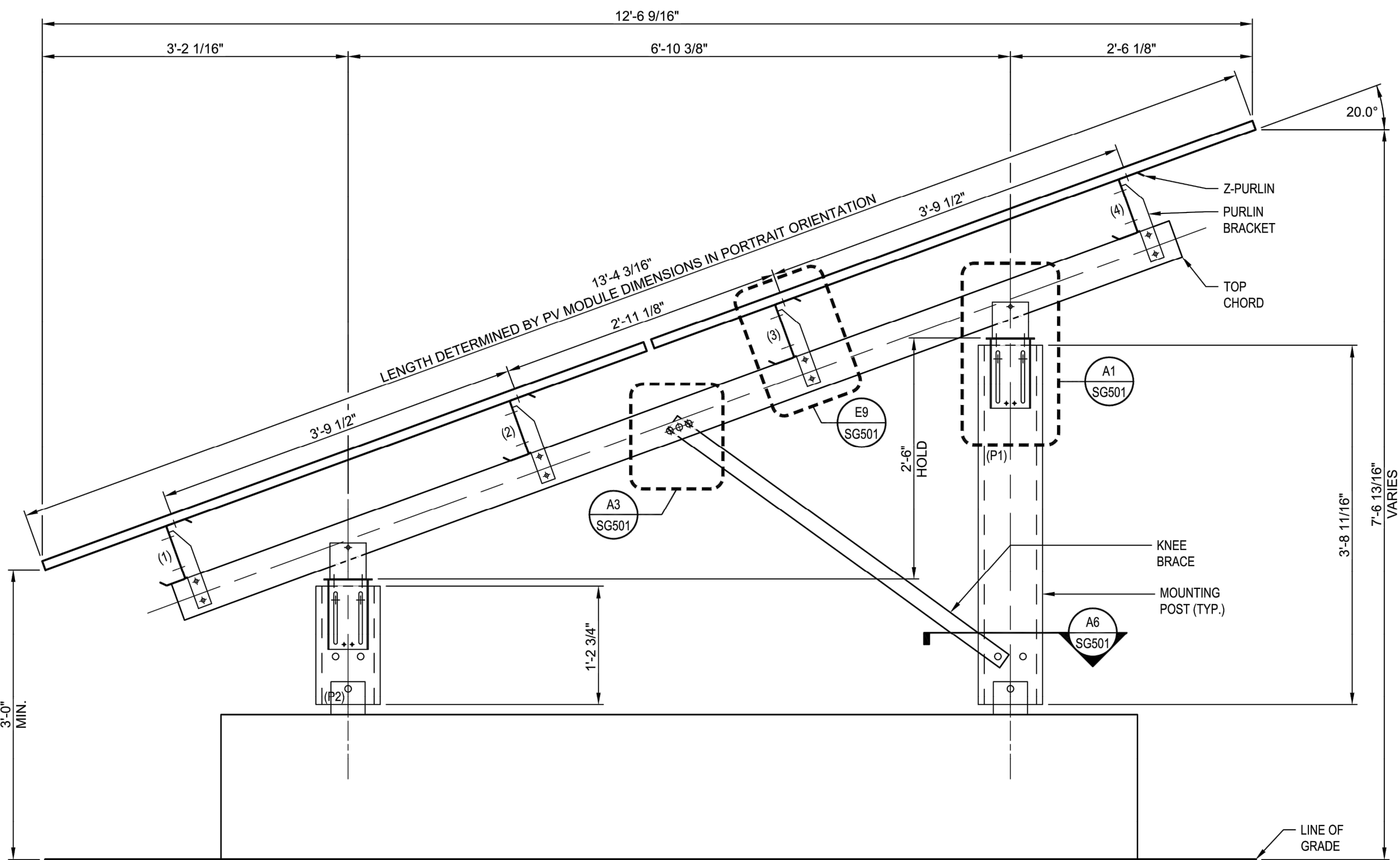
	DRAWN BY: JT
DATE: 01/20/20	CHECKED BY: BJP

SHEET TITLE:
SEDIMENTATION & EROSION CONTROL NOTES & DETAILS

SHEET NUMBER:

EC-3






NOTE:
1. Z-PURLINS #1 & #4 HAVE RAISED MODULE MOUNTING SLOTS. (REF. F6/SG501)
2. Z-PURLINS #2 & #3 HAVE FLAT MODULE MOUNTING SLOTS. (REF. F6/SG501)

BALLAST INSTALLATION SCHEDULE	
PERCENT SLOPE	ADDITIONAL GRAVEL FOR SETTING BALLAST
SLOPE <= 5%	NONE REQUIRED
5% < SLOPE <= 10%	AS REQUIRED TO LEVEL UNDULATING SLOPES
SLOPE > 10%	LEVELING PAD REQUIRED

NOTE:
GRAVEL PAD AS NEEDED WHERE BALLAST LEVELING IS REQUIRED DUE TO SLOPE OF GRADE. APPROVED COMPACTION METHODS INCLUDE 1 TO 2 PASSES WITH THE BACK OF AN EXCAVATOR BUCKET, A VIBRATING COMPACTOR PLATE, OR A WHACKER PLATE COMPACTOR


A6
SCALE:
1" = 1'-0"

CANADIAN SOLAR CS3U-360 DESIGN
RACK SECTION




Greenskies
a Clean Focus company

180 JOHNSON STREET
MIDDLETOWN, CT 06457



ALL-POINTS
TECHNOLOGY CORPORATION

3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419
PHONE: (860)-663-1667 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM



PUREPOWER
ENGINEERING

5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET		
NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS
ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE: 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

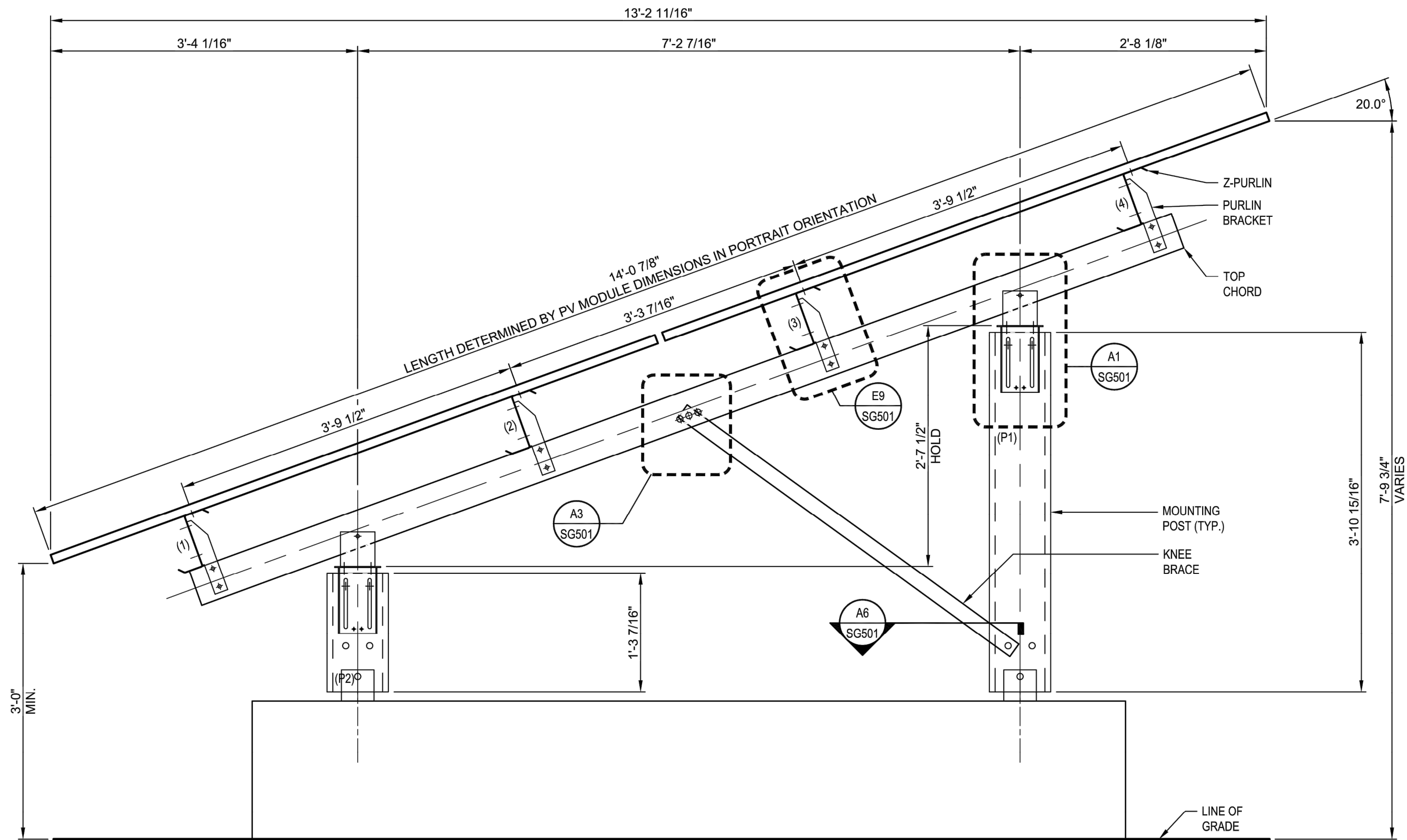
APT FILING NUMBER: MA599110

DATE: 01/20/20	DRAWN BY: JT
CHECKED BY: BJP	

SHEET TITLE:

RACKING DETAILS

SHEET NUMBER:	DN-2
---------------	------



NOTE:
1. Z-PURLINS #1 & #4 HAVE RAISED MODULE MOUNTING SLOTS. (REF. F6/SG501)
2. Z-PURLINS #2 & #3 HAVE FLAT MODULE MOUNTING SLOTS. (REF. F6/SG501)

BALLAST INSTALLATION SCHEDULE	
PERCENT SLOPE	ADDITIONAL GRAVEL FOR SETTING BALLAST
SLOPE <= 5%	NONE REQUIRED
5% < SLOPE <= 10%	AS REQUIRED TO LEVEL UNDULATING SLOPES
SLOPE > 10%	LEVELING PAD REQUIRED
NOTE: GRAVEL PAD AS NEEDED WHERE BALLAST LEVELING IS REQUIRED DUE TO SLOPE OF GRADE. APPROVED COMPACTION METHODS INCLUDE 1 TO 2 PASSES WITH THE BACK OF AN EXCAVATOR BUCKET, A VIBRATING COMPACTOR PLATE, OR A WHACKER PLATE COMPACTOR	

A6
SCALE:
1" = 1'-0"

**CANADIAN SOALR CS3W DESIGN
RACK SECTION**

PERMIT SET		
NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS

ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

APT FILING NUMBER: MA599110

DATE: 01/20/20

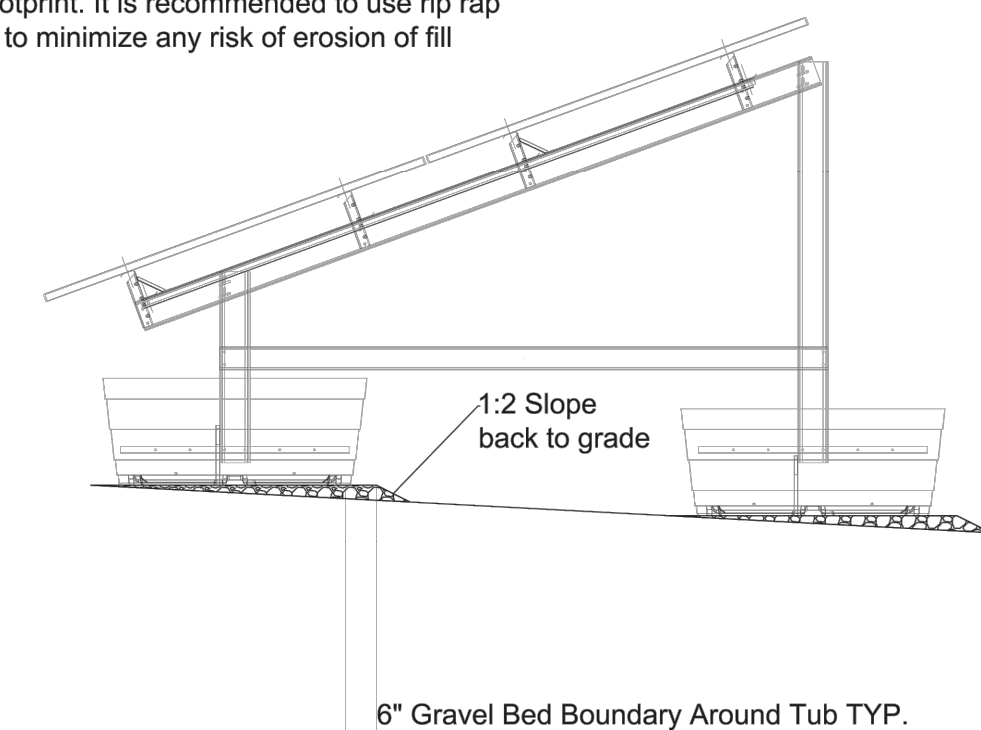
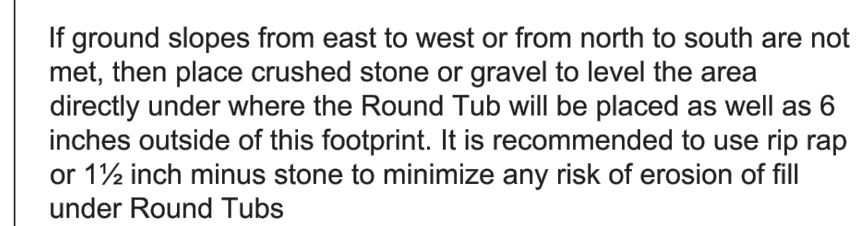
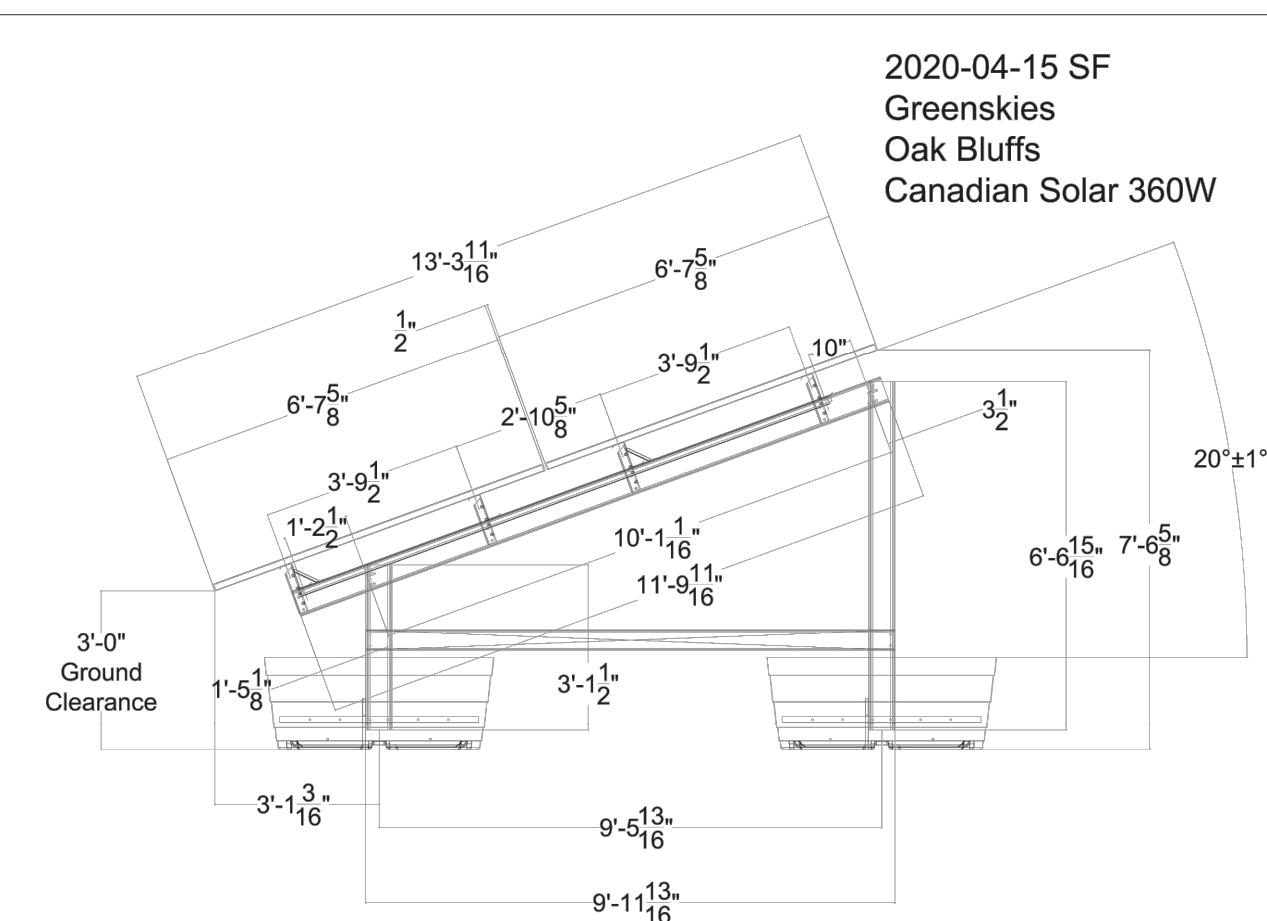
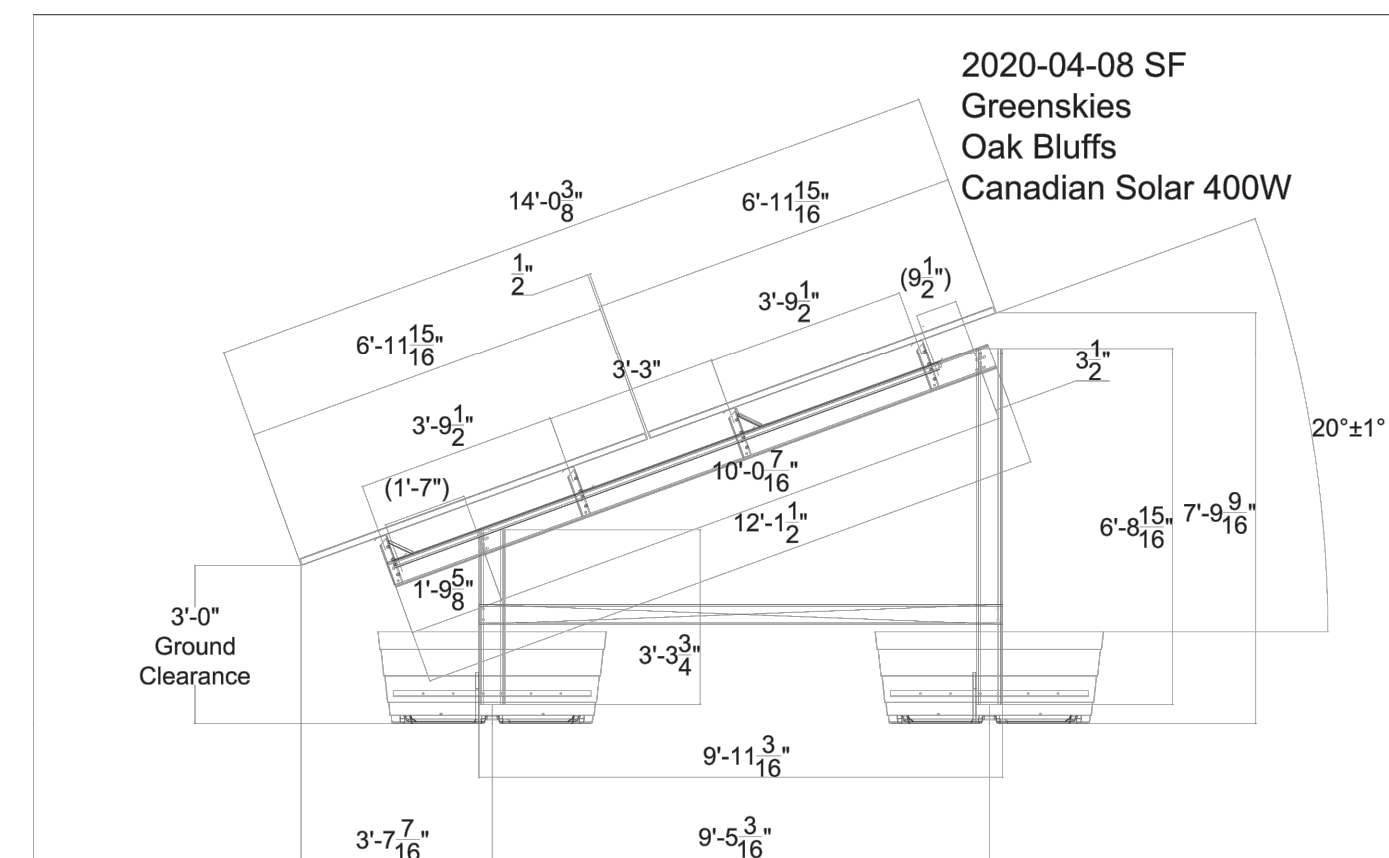
DRAWN BY: JT
CHECKED BY: BJP

SHEET TITLE:

RACKING DETAILS

SHEET NUMBER:

DN-3



1 TYPICAL POST MOUNTED RACKING SYSTEMS
DN-4 SCALE : N.T.S.


Greenskies
a Clean Focus company

**180 JOHNSON STREET
MIDDLETOWN, CT 06457**



ALL-POINTS
TECHNOLOGY CORPORATION

3 SADDLEBROOK DRIVE PHONE: (860)-663-1691
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM



PUREPOWER
ENGINEERING

5 MARINE VIEW PLAZA, SUITE 301
HOBOKEN, NJ 07030
(201) 687-9975 x102
www.PurePower.com

PERMIT SET

NO	DATE	REVISION
0	01/20/20	FOR REVIEW: BJP
1	04/16/20	FOR REVIEW: BJP
2		
3		
4		
5		
6		

DESIGN PROFESSIONAL OF RECORD

PROF: BRADLEY J. PARSONS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: TOWN OF OAK BLUFFS

ADDRESS: P.O. BOX 1327
OAK BLUFFS, MA 02557

OAK BLUFFS SOLAR ARRAY

SITE 16 PENNSYLVANIA AVE
ADDRESS: VINEYARD HAVEN, MA 02568

APT FILING NUMBER: MA599110

DRAWN BY: JT

DATE: 01/20/20	CHECKED BY: BJI
----------------	-----------------

SHEET TITLE:

RACKING DETAILS

SHEET NUMBER:

DN-4

